

671.821

JUN 9 1930

"A.W."

Standard
Diamond

FLOOR
PLATES

(ACTUAL SIZE)





Boiler Room



*Standard "A.W." Diamond
Railroad Crossing*

Flange

"A. W." PRODUCTS"

"SWEDE" PIG IRON
BASIC AND ALL FOUNDRY GRADES

BILLETS, BLOOMS, SLABS
CARBON AND ALLOY STEEL

SHEARED STEEL PLATES

BLUE ANNEALED SHEETS

ROLLED STEEL FLOOR PLATES
DIAMOND, DIAMONDETTE, RIBBED,
TRAFFIC TREADS

Alan Wood Steel Company
CONSHOHOCKEN, PA.

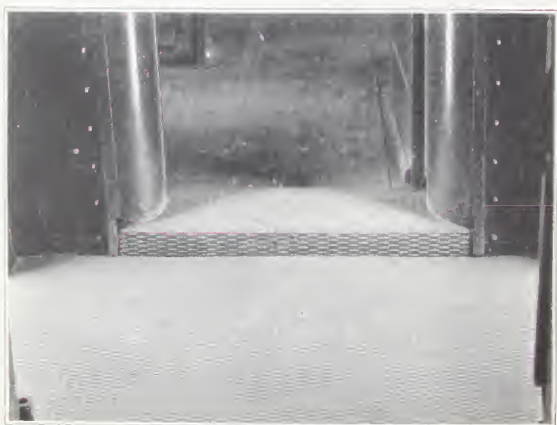
DISTRICT OFFICES

PHILADELPHIA	-	-	-	-	-	WIDENER BLDG.
NEW YORK	-	-	-	-	-	50 CHURCH STREET
BOSTON	-	-	-	-	-	141 MILK STREET
SAN FRANCISCO	-	-	-	-	-	444 MARKET STREET
LOS ANGELES	-	-	-	-	-	SAN FERNANDO BLDG.
DALLAS	-	-	-	-	-	SANTA FE BLDG.
SEATTLE	-	-	-	-	-	DENTER HORTON BLDG.

August 15, 1929



*Standard "A.W." Diamond
Car Vestibule Floor*



*"A.W." Diamondette
Car Vestibule Floor*

Standard "A. W." Diamond

$\frac{1}{8}$ " to 1" inclusive

FEATURES

The design of the STANDARD "A.W." Diamond Pattern Floor Plate was scientifically developed to produce the most efficient anti-slip surface with proper consideration given to the effect of attrition in use.

The raised, oval, bevelled edge of the distinctive pattern provides traction around its entire circumference, and affords a firm foothold.

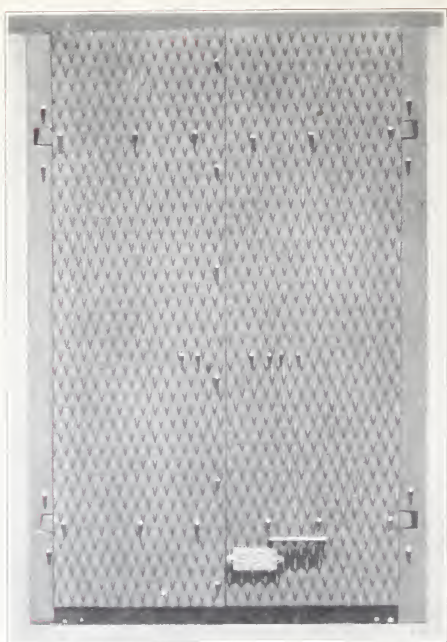
The open design of the patterned area prevents water, dirt, or refuse from permanently lodging on the plate, which is self-draining.

The uniformity of the pattern admits properly matching and presents a neat and attractive appearance, pleasing to the eye and harmonious in effect with any architectural design.

USES

"A.W." FLOOR PLATES are used in all step, flooring, platform, runway, trench-cover, and modern engineering and construction work generally.

*Samples and all engineering information
sent on request.*



*Standard "A.W." Diamond
Cellar Door*



*Standard "A.W." Diamond
Scale Platform*

"A. W." Diamondette Pattern

No. 16 to 12 Gauge

"A.W." DIAMONDETTE Pattern Floor Plates offer a lighter section with a proportionate saving in weight, embodying the same scientific features of the "A.W." STANDARD Pattern, but providing a greater area of patterned surface, and affording greater strength than a plain section of corresponding gauge or thickness.

For automobile running boards, step-plates, floor boards, locomotive step-plates, vestibule platforms, aisleways, cover plates, and all places requiring a raised anti-slip surface without the necessity of providing carrying capacity in the plate itself, the "A.W." DIAMONDETTE Floor Plates are decidedly advantageous.

*Samples and all Engineering
Information on Request*

"A. W." Traffic Treads

STANDARD "A.W." Floor Plates when used for vehicular runways on wooden bridge floors, platform scales, etc., are designated as "A.W." TRAFFIC TREADS. Detailed folder furnished on request.

←
LENGTH AS ROLLED
→



←
WIDTH AS ROLLED
→

STANDARD "A.W." DIAMOND

(Full Size)

$\frac{1}{8}$ " to 1" inclusive

Length of diamond will run parallel to length as rolled. In specifying directions in which diamonds are desired to run, please note limits of width as rolled, shown on page 13.



WIDTH AS ROLLED

"A.W." DIAMONDETTE

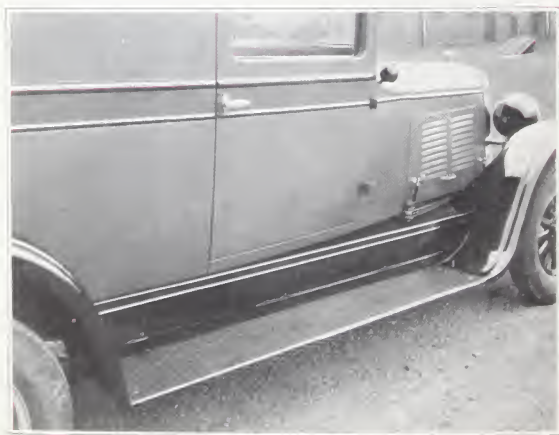
(Full Size)

No. 16 to 12 Gauge

Length of diamond will run parallel to length as rolled. In specifying directions in which diamonds are desired to run, please note limits of width as rolled, shown on page 13.



*"A.W." Diamondette
Motor Bus Tread*



*"A.W." Diamondette
Automobile Running Board*

Schedule of Extras

STANDARD "A.W." DIAMOND AND "A.W." DIAMONDETTE

WIDTH

	Extra per 100 lbs.
24" and wider.....	Base
Under 24 to 12"	add 10c
Under 12 to 6"	add 20c

LENGTH

	Extra per 100 lbs.
60" and longer.....	Base
Under 60 to 30"	add 10c
Under 30 to 18"	add 20c

QUALITY

	Extra per 100 lbs.
Copper Bearing Steel (minimum .20 copper)	add 15c

THICKNESS

Standard "A.W." Diamond

	Extra per 100 lbs.
3/16" and heavier.....	Base
1/8"	add 20c

"A.W." Diamondette

	Extra per 100 lbs.
No. 12 Gauge	Base
No. 14 "	50c
No. 16 "	\$1.00



101 - Howard
San Francisco



Howard - 101 - Howard
San Francisco

Sizes and Weights

"A.W." STANDARD

Thickness	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
Width	LENGTH IN INCHES							
20"	240	300	300	300	300	300	300	300
24"	240	300	300	300	300	300	300	300
30"	240	300	300	300	300	300	300	300
36"	240	300	300	300	300	300	300	300
40"	240	300	300	300	300	300	300	300
44"	240	300	300	300	300	300	300	300
48"	240	300	300	300	300	300	300	300
52"	240	300	300	300	300	300	300	300
56"	240	300	300	300	300	300	300	300
60"	240	300	300	300	300	300	300	300
66"			240	240	240	240	240	240
72"					240	240	240	240

WEIGHTS PER SQUARE FOOT

Thickness	"A.W." DIAMOND
1/8"	7.75 lbs.
3/16"	8.75 "
1/4"	11.25 "
5/16"	13.75 "
3/8"	16.25 "
1/2"	21.5 "
5/8"	26.5 "
3/4"	31.75 "

"A.W." DIAMONDETTE

Gauge	Maximum Size	Weight per sq. ft.
No. 12	24" x 192"	5.5 lbs.
No. 14	or 36" x 144"	3.5 lbs.
No. 16	30" x 96"	2.875 lbs.

The weights shown above are approximate only, and may vary according to the size of the plate. Thickness is measured through body of plate, i. e., exclusive of pattern.



*"A.W." Diamondette
Tank Car Running Board*



*"A.W." Diamondette
Auto Truck Running Board*

Shearing

Regular Mill Shearing. "A.W." Rolled Steel Floor Plates are furnished subject to the usual variations in rolling and shearing incident to regular mill practice, variation being over the sizes specified. The amount of variation depends upon thickness, width and length.

When so specified on order, the variation in shearing may be kept under rather than over.

Extra for Special Shearing. Shearing variations may be minimized by "Special Shearing" (sometimes called "Resquaring") at 10 cents per 100 pounds extra.

"Special Sheared" Floor Plates are furnished in normal sizes with a total variation of $\frac{1}{4}''$, which may be over or under, as preferred, or from $\frac{1}{8}''$ over to $\frac{1}{8}''$ under, making total of $\frac{1}{4}''$. These variations are based on normal dimensions and may be exceeded depending on width, length and thickness.

Fabrication

All types of Special Forming, Bending, Punching, Countersinking, In-cutting, Circular Cutting, etc., quoted on application, accompanied by blue-print and details.

On request we will gladly furnish a graphic chart showing deflections and safe loads of our "A.W." Diamond Pattern Floor Plates

"A.W."

Diamondette

FLOOR
PLATES

(ACTUAL SIZE)

